

AGILENT TECHNOLOGIES, INC.  
 Legal Department, DL429  
 Intellectual Property Administration  
 P. O. Box 7599  
 Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10040292-1

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 24 2006

Inventor(s): William Clay Schluchter et al.

Serial No.: 10/783,199

Examiner: Michael A. Lyons

Filing Date: February 20, 2004

Group Art Unit: 2877

Title: SYSTEM AND METHOD OF USING A SIDE-MOUNTED  
 INTERFEROMETER TO ACQUIRE POSITION INFORMATION

COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Response/Amendment   | <input type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below   | <input type="checkbox"/> Supplemental Declaration           |
| <input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments") |   |
| <input type="checkbox"/> Other:  | (Fee \$ _____)  |

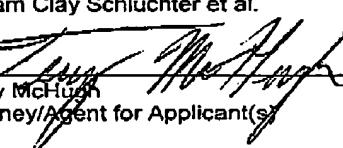
CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	21	MINUS	21	= 0	X 50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00	<input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00	<input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00	<input type="checkbox"/>
					4 <sup>TH</sup> MONTH 1590.00	<input type="checkbox"/>
					OTHER FEES	\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

William Clay Schluchter et al.

By

  
 Terry McHugh  
 Attorney/Agent for Applicant(s)

Reg. No. 33,261

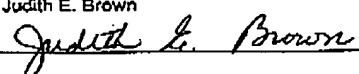
Date: April 24, 2006

Telephone No. (650) 969-8458

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: April 24, 2006

Typed Name: Judith E. Brown

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				OTHER FEES		\$ 0
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$ 0

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Attorney/Agent for Applicant(s)

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Reg. No. 33,261

Date: April 24, 2006

Telephone No. (650) 969-8458

FROM : LAW OFFICES OF TERRY McHUGH

PHONE NO. : 650 969 6216

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AGILENT TECHNOLOGIES, INC.  
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Loveland, CO 80537-0599

**APR 24 2006 PATENT APPLICATION**

Attorney Docket No. 10040292-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Inventor(s):** William Clay Schluchter et al. **Confirmation No.:** 6163  
**Application No.:** 10/783,199 **Examiner:** Michael A. Lyons  
**Filing Date:** February 20, 2004 **Group Art Unit:** 2877  
**Title:** SYSTEM AND METHOD OF USING A SIDE-MOUNTED  
INTERFEROMETER TO ACQUIRE POSITION INFORMATION

**COMMISSIONER FOR PATENTS**  
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Alexandria, VA 22313-1450

**AMENDMENT**

**Sir:**

In response to the Office action mailed January 24, 2006, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

Facsimile No: (571)273-8300

Date of Transmittal: April 24, 2006

Signature Judith E. Brown  
Typed Name: Judith E. Brown